

CLAIMS:

1.

A circuit arrangement for operating a lamp, provided with

- means I for generating a second DC voltage from a first DC voltage,

comprising

- input terminals for connection to a supply voltage source which delivers

5 the first DC voltage,

- a switching element,

- a control circuit coupled to the switching element for rendering said switching element conducting and non-conducting with high frequency,

- a unidirectional element,

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- a transformer having a primary and a secondary winding,

- means II coupled to the secondary winding for generating a current through

the lamp,

characterized in that the secondary winding, the input terminals, and the means II are

coupled such that the means II are supplied during lamp operation with a voltage whose

15 amplitude is equal to the sum of the first and the second DC voltage.

2.

A circuit arrangement as claimed in Claim 1, wherein the lamp is a high-pressure discharge lamp.

3.

A circuit arrangement as claimed in Claim 1 or 2, wherein the input terminal connected to the cathode of the supply voltage source during lamp operation is also

20 connected to an end of the secondary winding.

4.

A circuit arrangement as claimed in any one or several of the preceding Claims, wherein the means I comprise a DC-DC converter of the flyback type.

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